

nt

At page 25, lines 4-6, please replace the abstract with --The present invention provides methods for identifying compounds which modulate the activity of MSH5.--.

In the claims:

Please cancel claims 1-12 and 15-21 without prejudice and amend claim 14 as follows:

B¹

14. (Amended) The method of claim 13, wherein said compound inhibits the activity of MSH5 [is inhibited].

Please add new claims 22-29 as follows:

B² 22-29

~~22. The method of claim 14, wherein said compound is a contraceptive agent.~~

~~23. The method of claim 13, wherein said compound is capable of modulating MSH5 expression.~~

24. The method of claim 23, wherein said compound is an antisense MSH5 nucleic acid molecule.

25. The method of claim 13, wherein said compound is a small molecule.

26. The method of claim 13, wherein said compound is an MSH5 antibody.

27. The method of claim 13, wherein said compound is a peptide.

28. The method of claim 13, wherein said compound is a peptidomimetic.

Cylin
PC

~~29. The method of claim 13, wherein said compound has an effect on an MSH5 substrate.~~